

ABSTRACT

A planetary gear unit PR and a clutch C3 for outputting reduced speed rotation and a clutch C1 for connecting and disconnecting input of rotation of an input shaft to a sun gear S2 are located on one axial side of a planetary gear unit PU, and a clutch C2 for connecting and disconnecting input of rotation of the input shaft to the carrier CR2 is located on the axially opposite of the planetary gear unit PU. By doing so, as compared to a case wherein, for example, a clutch C1 and clutch C2 are both located between a pair of planetary gear units PR and PU, the planetary gear units PR and PU can be located more closely together, and the member that transmits the reduced speed rotation from planetary gear unit PR to planetary gear unit PU can be made shorter. Further, compared to the case wherein, for example, the clutches C1, C2, C3 are located on one axial side of the planetary gear units, the construction of the oil lines is simplified.